

### FEATURE

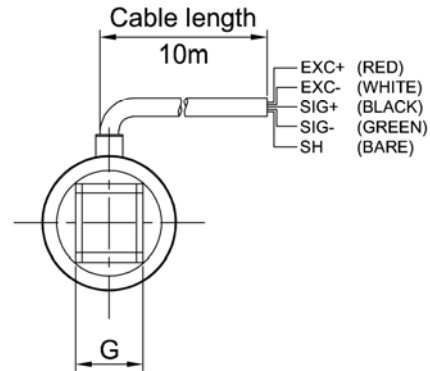
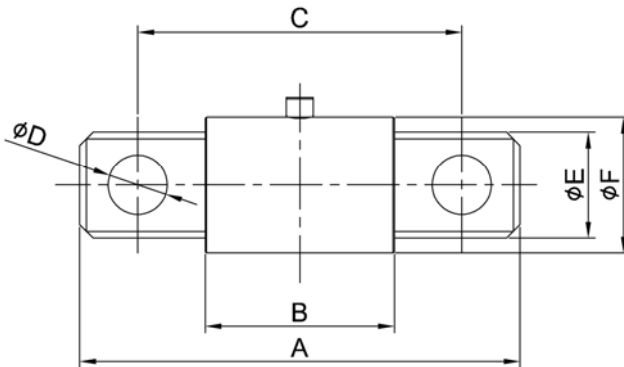
- . Tension load cell
- . Suitable for tension test of heavy weights

### SPECIFICATION

MODEL	CTS
Rated capacity (R.C.)	1, 2, 3, 5, 10, 20, 30, 50, 70 tf
Rated output (R.O.)	1.0 mV/V $\pm$ 0.5%
Zero balance	$\pm$ 1.0% R.O.
Combined error	0.5% R.O.
Repeatability	0.1% R.O.
Creep for 30 min	0.05% R.O.
Temp. effect on zero value	0.05% / 10°C
Temp. effect on output value	0.1% / 10°C
Excitation recommended	10V DC
Excitation maximum	15V DC
Terminal resistance, input	350 $\pm$ 10 $\Omega$
Terminal resistance, output	350 $\pm$ 5 $\Omega$
Insulation resistance	> 2000M $\Omega$ @ 50V DC
Compensated temperature range	-10 to +60°C
Operating temperature range	-20 to +80°C



- Cable  
Braided Shield 4-wire round cable  
with PVC-jacket



### DIMENSION (mm)

Rated Capacity	A	B	C	$\phi$ D	$\phi$ E	$\phi$ F	G
1tf	140	70	110	18	32	50	20
2tf	163	70	120	22	39	50	25
3tf	180	63	128	27	49	60	30
5tf	234	80	168	37	59	70	40
10tf	310	100	210	37	89	100	40
20tf	400	120	285	62	120	135	70
30tf	428	128	288	64	120	135	75
50tf	508	148	342	75	145	160	98
70tf	620	150	410	100	170	210	100